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Posted: ted

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Date: 1/26/07

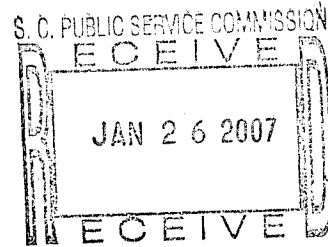
Date: January 24, 2007

South Carolina Public Service Commission

P.O. Box 11649

Columbia, SC 29211

Attention Charles Terreni



Re: SC Public Service Commission Docket 2005-385-E- Order No. 2006-680

I am writing in support of **true net metering** that allows a single electrical meter to spin forward or backwards for:

- solar and wind generated electric installations;
- for residential and commercial consumers; and
- without complicated or cumbersome interconnection procedures, equipment and fees.

Net metering for solar and wind installations is:

1. **Safe:** Today's solar and wind technologies and inverters comply with IEEE and IREC standards and are safe: there is no backflow when the public grid goes down and there is no fire or electric shock hazard.
2. **More efficient than the conventional grid system:** 1kwh generated on-site delivers 1 kwh on-site, whereas it takes approximately 3 kwh's off-site to deliver 1 kwh on-site due to voltage losses over long transmission lines.

Solar and wind technologies benefit South Carolina because they:

1. Reduce consumers' utility bills and encourage energy conservation;
2. Keep our money here in South Carolina – it is not sent to foreign countries;
3. Generate jobs here for solar and wind installers – small businesses comprise 80% of all jobs;
4. Reduce air pollution and global warming that would otherwise be injurious to citizens' health and limit business growth under EPA non-attainment standards;
5. Reduce the consumers' costs of solar and wind installations by eliminating the need for expensive and potentially hazardous battery systems.

Power companies do not lose money, because:

1. Solar generates electricity during times of peak demand when power companies have to pay top dollar, sometimes greater than retail, for electricity;
2. By reducing overall peak demand, it slows the need to build more expensive power plants; and
3. There is no increased administrative cost to the utility – they are just reading the meter as they would any other.

Respectfully submitted by:

Margaret E. Terry – Something must be done and soon.